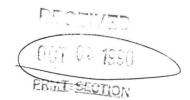
MCDONNELL DOUGLAS

McDonnell Aircraft Company

28 Sept 90

REGISTERED MAIL



U.S. Environmental Protection Agency, Region VII Permits Section Waste Management Division 726 Minnesota Avenue Kansas City, KS 66101

Missouri Department of Natural Resources Permits Section Waste Management Program Division of Environmental Quality P.O. Box 176 Jefferson City, MO 65102

- Attach: (1) Modified Notification of Hazardous Waste Activity, McDonnell Aircraft Co., Tract I.
 - (2) Revised Tables, Waste Analysis Plan, Final Hazardous Waste Storage Permit, McDonnell Aircraft Co., Tract I.
- 1. Because of the new TCLP test at 40 CFR 261.24, several hazardous wastes stored at McDonnell Aircraft's permitted Tract I storage facility will have a new TCLP waste code in addition to previous waste code(s). We are submitting a Class I permit modification request, as required by the 40 CFR 270.42 federal rule. We request that EPA provide its most recent facility mailing list, maintained under 40 CFR 124.10(c)(ix), so that we can make the required public notifications within 90 days.
- 2. Missouri has not yet incorporated the TCLP test into its rules. Since the TCLP definition was promulgated under HSWA, it is our understanding that EPA will implement the TCLP rule until the state is authorized to do so. It is also our understanding from the March 29, 1990 preamble to the TCLP rule (55 FR 11848) that permit modifications needed to comply with the TCLP rule are governed by federal permit rules.
- 3. The tables in our revised waste analysis plan incorporate the TCLP test, but also retain the EP toxic test, which is still part of Missouri rules. If you have questions about our modification request, please contact me at (314) 232-3319.

Joseph Haake, Section Manager MCAIR Environmental Compliance Mail Stop 0801800

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MISSOURI DEPARTMENT OF NATURAL RESOURCES WASTE MANAGEMENT PROGRAM

NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

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MO 780-1164 (8-88)

MISSOURI DEPARTMENT OF NATURAL RESOURCES WASTE MANAGEMENT PROGRAM

NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

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MISSOURI DEPARTMENT OF NATURAL RESOURCES WASTE MANAGEMENT PROGRAM

NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

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I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.																			
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MISSOURI DEPARTMENT OF NATURAL RESOURCES WASTE MANAGEMENT PROGRAM

NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

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TABLE C-1 PARAMETERS AND TEST METHODS

PAR	AMETER	TEST METHOD	REFERENCE
1.	Н	Electrometric	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (9040)
2.	Flash Point	Pensky-Martens closed-cap tester	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (1010)
3.	TCLP	TCLP	40 CFR 261 Appendix II
4.	EP Toxicity	EP Toxicity	40 CFR 261 Appendix II
5.	Reactivity (cyanide)	Titration/ colorimetric	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (7.3.3)
6.	Reactivity (sulfide)	Distillation	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (7.3.4)
7.	Arsenic	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
8.	Barium	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
9.	Cadmium	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
10.	Chromium (VI)	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
11.	Lead	Atomic abosrption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
12.	Mercury	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
13.	Selenium	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)

TABLE C-1 PARAMETERS AND TEST METHODS

	PARAMETER	TEST METHOD	REFERENCE
14.	Silver	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
15.	Specific gravity	Hydrometer/ pycnometer	ASTM-D 891-86
16.	Volatiles	Ignition	Standard Methods 254 OE
17.	Total halogen	Titration	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (9020)
18.	Sulfuric acid	Ion chromatography	Standard Methods 4110 B
19.	Hydrofluoric acid	Ion chromatography	Standard Methods 4110 B
20.	Nitric acid	Ion chromatography	Standard Methods 4110 B
21.	Hydrochloric acid	Ion chromatography	Standard Methods 4110 B
22.	Phosphoric acid	Ion chromatography	Standard Methods 4110 B
23.	Ferric chloride	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
24.	Nitrite/nitrate	Colorimetric/ spectrophotometer	Standard Methods 4110 B/4500
25.	Residue at 105°C	Evaporation/ ignition	Standard Methods 254 OB

TABLE C-2

METHODS USED TO SAMPLE HAZARDOUS WASTES

AND

PARAMETERS FOR FINGERPRINT ANALYSIS

STREAM NUMBER	HAZARDOUS WASTE	EPA WASTE IDENTIFICATION NUMBER	FINGERPRINT ANALYSIS	SAMPLING METHOD	DESCRIPTION OF SAMPLING	REFERENCE FOR SAMPLER	
001	Waste acid sol- ution from titan- ium metal surface cleaning (nitric and chromic acid)	D002, D007, D010	pH; specific gravity; inorganic nitrates; *hexa- valent chrome	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	Solid Waste, Physical/Chemical Methods, EPA-SW-846	
003	Waste acid sol- ution from oxide removal on aluminum and titanium sur- faces (nitric acid, potas- sium dichromate, potassium nitrate, sodium bifluoride)	D002, D007, D008	pH; specific gravity; inorganic nitrates; inor- ganic fluorides; *hexavalent chrome	cedures for Hazardous Waste	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	Solid Waste, Physical/Chemical Methods, EPA-SW-846	
			r 22				

WASTE STREAM NUMBER 005	HAZARDOUS WASTE Waste acid solution from removal of excess paint from part racks (chromic acid and phos- phoric acid)	EPA WASTE IDENTIFICATION NUMBER DO02, D007, D008	FINGERPRINT ANALYSIS pH; specific gravity; % chromic acid; inorganic phosphates	SAMPLING METHOD Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	DESCRIPTION OF SAMPLING A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	Solid Waste, Physical/Chemical Methods, EPA-SW-846
008	Waste acid sol- ution from a chemical conver- sion coating process of alum- inum and titanium surfaces (chromic acid, fluorides, ferricyanide)	D002, D007	pH; specific gravity; % chromic acid; inorganic fluorides; reactivity (ferricyanide)	Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	or a tank less than four feet	n D ne

WASTE STREAM NUMBER JU9	HAZARDOUS WASTE Waste acid and chlorinated solvent solution from a coating removal operation (methylene chloride, formic acid, phenol)	EPA WASTE IDENTIFICATION NUMBER DO02, FU02	FINGERPRINT ANALYSIS pH; specific gravity; phenol; organic chlorides	Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	DESCRIPTION OF SAMPLING A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at th top, middle, and bottom of the tank	e
010	Waste acid solution from aluminum metal surface cleaning (sulfuric acid, sodium dichromate)	D002, D008	pH; specific gravity; inorganic sulfates; % chromic acid	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	or a tank less than four feet	n o në

WASTE STREAM NUMBER	HAZARDOUS WASTE	EPA WASTE IDENTIFICATION NUMBER	FINGERPRINT ANALYSIS	SAMPLING METHOD	DESCRIPTION OF SAMPLING	REFERENCE FOR SAMPLER
012	Waste acid sol- ution from clean- ing and pickling aluminum and titanium (nitric and hydrofluoric acid)	D002, D006, D007, D008	pH; specific gravity; inor- ganic nitrates; inorganic fluor- ides; *hexavalent chrome	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	o ne
013	Waste acid sol- ution from chromic acid anodizing of aluminum and titanium (chromic acid, ferric nitrate, potas- sium fluoride)	DO02, DO07	pH; specific gravity; inor- ganic fluorides; % chromic acid; ferric nitrate	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	Solid Waste, Physical/Chemical Methods, EPA-SW-846

WASTE STREAM NUMBER	HAZARDOUS WASTE	EPA WASTE IDENTIFICATION NUMBER	FINGERPRINT ANALYSIS	SAMPLING METHOD	DESCRIPTION OF SAMPLING	REFERENCE FOR SAMPLER
014	Waste acid sol- ution from an aluminum hard coating operation (sulfuric and oxalic acid)	D002, D007, D008	pH; specific gravity; inor- ganic sulfates; *hexavalent chrome	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at th top, middle, and bottom of the tank	e
016	Waste acid from stainless steel pickle or pretreatment (hydrochloric acid)	D002, D006	pH; specific gravity; inor- ganic chlorides; *hexavalent chrome	Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	Solid Waste, Physical/Chemical Methods, EPA-SW-846

WASTE STREAM NUMBER	HAZARDOUS WASTE	EPA WASTE IDENTIFICATION NUMBER	FINGERPRINT ANALYSIS	SAMPLING METHOD	DESCRIPTION REFERENCE OF SAMPLING FOR SAMPLER
021	Waste acid from a stainless steel cleaning process (hydrofluoric and sulfuric acid)	D002	pH; specific gravity; inor- ganic sulfates; inorganic chlor- ides; *hexavalent chrome	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank
022	Waste acid solution and sludge from various metal etching and cleaning (nitric, chromic, and hydrofluoric acid)		pH; specific gravity; inor- ganic nitrates; inorganic fluorides; % chromic acid	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank

^{*}unly if solution is yellow in appearance

36 and 38 posite sample from a tank deeper than	for on of mical -SW-846
Waste alkaline solution from stripping of chromium plating (sodium hydroxide, sodium carbonate, sodium phosphate, chromium) Waste alkaline plous, D002, D006, D007, pH; specific gravity; % sodium; phosphate, chromium) Samplers and Sampling Program drum or a tank less than four feet deep using a colimate and solimate physical/Chromium plating and bottom of the tank Samplers and Sampling Program drum or a tank less than four feet deep using a colimate and bottom of the tank A representative sample from a drum or a tank less than four feet deep using a colimate and bottom of the tank Solid Waste Physical/Chromium phosphate, chromium)	on of mical

WASTE STREAM NUMBER U25	HAZARDOUS WASTE Waste alkaline solution derust cleaning of metal parts (sodium hydroxide, triethanolamine, sodium gluconate, kerosene)	EPA WASTE IDENTIFICATION NUMBER D002, D007	FINGERPRINT ANALYSIS pH; specific gravity; % sodium; *hexavalent chrome	SAMPLING METHOD Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	DESCRIPTION OF SAMPLING A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846
026	Waste alkaline solution from cadmium cyanide plating operation (sodium cyanide, sodium hydroxide, cadmium oxide, sodium carbonate)	DUU2, DUU3	pH; specific gravity; % sodium; cyanide	Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank

WASTE STREAM NUMBER	HAZARDOUS WASTE	EPA WASTE IDENTIFICATION NUMBER	FINGERPRINT ANALYSIS	SAMPLING METHOD	DESCRIPTION OF SAMPLING	REFERENCE FOR SAMPLER
028	Waste potassium dichromate sol- ution from anodize sealing	D007	pH; specific gravity; % potassium dichromate	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	Solid Waste, Physical/Chemical Methods, EPA-SW-846
029	Waste alkaline cleaning solution from cleaning aluminum (sodium tripolyphosphate, sodium borate, sodium nitrate, sodium chromate)	D002, D007, D008	pH; specific gravity; % alkalinity; *hexavalent chrome	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	or a tank less than four feet	n Dine

WASTE STREAM NUMBER	Waste ferric chloride solution from metal etching	EPA WASTE IDENTIFICATION NUMBER DO02	pH; specific gravity; % ferric chloride; total chromium	Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	or a tank less than four feet	n D ne
U35	Waste alkaline solution from aluminum chem- ical milling	D002, D003, D004 D010	pH; specific gravity; % sodium; sulfides	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	or a tank less	n o he

WASTE STREAM NUMBER	HAZARDOUS WASTE	EPA WASTE IDENTIFICATION NUMBER	FINGERPRINT ANALYSIS	SAMPLING METHOD	DESCRIPTION OF SAMPLING	REFERENCE FOR SAMPLER
036	Sludge from industrial waste water pretreatment plant	F006, F019	pH; specific gravity; residue at 105C	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/	and the same of th	Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846

Water-emulsified **U37** cutting oil from cutting and machining aluminum, titanium, and ferrous-base

metals and alloys

Waste oil

pH; specific gravity; arsenic; lead; cadmium; total chromium

Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38

A representative sample from a drum the Evaluation of or a tank less than four feet wasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the

top, middle, and bottom of the tank

Test Methods for Solid Waste, Physical/Chemical deep using a coli-Methods, EPA-SW-846

WASTE STREAM NUMBER	HAZARDOUS WASTE	EPA WASTE IDENTIFICATION NUMBER	FINGERPRINT ANALYSIS	SAMPLING METHOD	DESCRIPTION OF SAMPLING	REFERENCE FOR SAMPLER
042	Waste jet fuel contaminated with water	D001	Flash point; specific gravity	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	e
043	Mixed flam- mable solvents	F003, F005, D001, D007, D008, D035	Flash point; specific gravity	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	e

WASTE STREAM NUMBER U38	HAZARDOUS MASTE Solid hazardous waste from aircraft paint- ing and servicing	EPA WASTE IDENTIFICATION NUMBER DU07	TCLP (chromium, lead)	SAMPLING METHOD Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 12 and 13	DESCRIPTION OF SAMPLING Composite sample using a scoop from containers of solid waste	REFERENCE FOR SAMPLER 40 CFR 261 Appendix II
U4 0	Waste paint sludge from air- craft and build- ing maintenance	DUU1, DU07	TCLP (chromium); flash point	Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-000/ 2-80-018, Pages 12 and 13	Composite sample using a scoop from waterfalls in paint booths	40 CFR 261 Appendix II and Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846
041	Waste chlorinated solvents from metal cleaning and degreasing operations and paint stripping	FUU1, FUU2 DO40	Flash point; specific gravity	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coli wasa, or a composite sample from a tank deeper that four feet using a weighted bottle tograb samples at top, middle, and bottom of the tan	Solid Waste, Physical/Chemical Methods, EPA-SW-846

WASTE STREAM NUMBER	HAZARDOUS WASTE Waste hydraulic and motor oil	EPA WASTE IDENTIFICATION NUMBER Waste oil	FINGERPRINT ANALYSIS PCB; chlorine	Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	DESCRIPTION OF SAMPLING A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	Solid Waste, Physical/Chemical Methods, EPA-SW-846
045	Mixed flammable/ chlorinated solvents	F002, D001, D007, D008	Flash point; specific gravity	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle tograb samples at thop, middle, and bottom of the tank	Solid Waste, Physical/Chemical Methods, EPA-SW-846

WASTE STREAM NUMBER U53	HAZARDOUS WASTE Waste sodium bicarbonate used to neutral- ize an acid spill	EPA WASTE IDENTIFICATION NUMBER DOUZ, DOOG, DOO7	FINGERPRINT ANALYSIS pH	SAMPLING METHOD Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 12 and 13	DESCRIPTION OF SAMPLING Composite sample using a scoop	REFERENCE FOR SAMPLER Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846
069	Plating solution for ferrous and non-ferrous alloys (nickel sulfamate, boric acid)	DU02	рН	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	or a tank less than four feet	,

WASTE STREAM NUMBER	HAZARDOUS WASTE	EPA WASTE IDENTIFICATION NUMBER	FINGERPRINT ANALYSIS	SAMPLING METHOD	DESCRIPTION OF SAMPLING	REFERENCE FOR SAMPLER
070	Phosphatizing of ferrous metal (phosphoric acid)	D002, D006, D008	ph; specific gravity; inor- ganic phosphates	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	
075	Mold material for die-casting metals (sodium nitrate)	D002	pH; specific gravity; nitrate/ nitrite	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	Solid Waste, Physical/Chemical Methods, EPA-SW-846

WASTE STREAM NUMBER 082	Mixed acids (nitric acid, hydrofluoric acid, sulfuric acid, hydro- chloric acid, phosphoric acid, chromic acid)		pH; specific gravity; inorganic sulfates; inorganic nitrates; inorganic chlorides; inorganic fluorides; inorganic phosphates; % chromic acid	Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38		,
091	Miscellaneous acid sludges	D002	рН	Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or a tank, using a Trier scoop	Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846
092	Miscellaneous acid sludges	D002, D007	pН	Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	A representative sample from a drum or tank, using a Trier scoop	Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846

WASTE STREAM NUMBER	HAZARDOUS MASTE Waste cyanide solution from gold etching	EPA WASTE IDENTIFICATION NUMBER F009	FINGERPRINT ANALYSIS pH; cyanide	Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38	OF SAMPLING A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top middle, and bottom	,
					middle, and bottom of the tank	

06NOV90

INSPECTIOR INSPECTION DATE(DDMMMYY)

PLEASE CROSS OUT ANY INCORRECT INFORMATION AND WRITE IN CORRECTIONS. OF PARTICULAR INTEREST ARE THE PROCESS CODES

EPA ID NUM: MOD000818963 EPA ID NUM; MODOOO818963
FAC NAME: MCDONNELL AIRCRAFT CO TRACT I
CONTACT NAME: PATTERSON JEROME SUPERVIS
FAC STREET; MCDONNELL BLVD AT LINDBERGH
FAC CITY: HAZELWOOD
FAC STATE; MO
FAC 7IP CODE: 63042
PERMIT STATUS (C1105): PERMIT ISSUED
TSD UNIVERSE CLASSIFICATION (C305); TREATMENT/STORAGE
FACILITY ACTIVITIES; TRAN.TSD, GEN(>1000 KG/MO) FAC PHONE: 3142323319 OPERATOR NAME; MCDONNELL AIRCRAFT COMPANY
MAIL STREET; P.O. BOX 516 DEPT. 1910
MAIL CITY; ST LOUIS
MAIL STATE; MO
MAIL ZIP CODE; 63166 no process codes giver sin't waste-BURNER PROCESS - DESIGN CAPACITY - UNITS - VERIFICATION CODE CODE #S01-67920.000 -G U #S02-160000.000 -G U #S03--*WASTE CODE - QUANITY OF WASTE IN 1000 KILOGRAM/YR - CODES FOR PROCEES USED TO HANDLE WASTE-*D001-*D002- 2028.499 *D003-664.070 -S01, S02, - SO2, -S03, *D004-***DOO**6-#D007-¥0008-***D009-**#D010-F001-*F002-4F003-*F006- 5196.442 F005= *F009--S02, *P030-*P106-#F019-¥U122-*0188-*U223-

DO40 DO35

*#226-